

SEQUENCE LISTING

<110> CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS

<120> Method of calibration of reverse transcription using a synthetic messenger RNA (smRNA)

<130> D21194

<150> EP 03/290 958

<151> 2003-04-17

<160> 18

<170> PatentIn version 3.2

<210> 1

<211> 161

<212> RNA

<213> Artificial

<220>

<223> Synthetic poly A mRNA #1

<400> 1

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uggcgccgc	gggaauucga	uuucuucgac	ucacugcaga	cuacugaugg	aaugacguag	120
uacgaauacu	cgacuggucu	caacaugaaa	aaaaaaaaa	a		161

<210> 2

<211> 161

<212> RNA

<213> Artificial

<220>

<223> Synthetic poly A mRNA #2

<400> 2

uaauacgacu	cacuauaggg	cgggacaaga	agguggaaga	cgucaugcuc	ccggccgcca	60
uggcgccgc	gggaauucga	uuucuucgac	ucacugcaga	cuacugaugg	aaugacguag	120
uacgaauacu	cgacuggucu	caacaugaaa	aaaaaaaaa	a		161

<210> 3

<211> 161

<212> DNA

<213> Artificial

<220>

<223> Synthetic cDNA #1

<400> 3

gggcgaaattg	ggccccgacgt	cgggacaaga	aggtggaaga	cgatcatgctc	ccggccgcca	60
tggcgccgc	gggaattcga	tttcttcgac	tactgcaga	ctactgatgg	aatgacgtag	120
tacgaatact	cgactggtct	caacatgaaa	aaaaaaaaa	a		161

<210> 4

<211> 161

<212> DNA  
<213> Artificial

<220>  
<223> Synthetic cDNA #2

<400> 4  
taatacgact cactataggg cgggacaaga aggtggaaga cgatcatgctc ccggccgcca 60  
tggcggccgc gggaattcga tttcttcgac tcaactgcaga ctactgatgg aatgacgtag 120  
tacgaatact cgactggtct caacatgaaa aaaaaaaaaa a 161

<210> 5  
<211> 19  
<212> DNA  
<213> Artificial

<220>  
<223> Primer III forward

<400> 5  
cgggacaaga aggtggaag 19

<210> 6  
<211> 22  
<212> DNA  
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<220>  
<223> Primer III reverse

<400> 6  
agtctgcagt gagtcgaaga aa 22

<210> 7  
<211> 182  
<212> DNA  
<213> Artificial

<220>  
<223> Sequence of the DNA probe "DNAΣ"

<400> 7  
taatacgact cactataggg cgggacaaga aggtggaaga cgatcatgctc ccggccgcca 60  
tggcggccgc gggaattcga tttcttcgac tcaactgcaga ctactgatgg aatgacgtag 120  
tacgaatact cgactggtct caacatgaaa aaaaaaaaaa acgcattcaa cctgtctgac 180  
ta 182

<210> 8  
<211> 20  
<212> DNA  
<213> Artificial

<220>  
<223> Sequence of the T7 promoter

<400> 8  
taatacgact cactataggg 20

<210> 9  
<211> 27  
<212> DNA  
<213> Artificial

<220>  
<223> 27 pb insert

<400> 9  
cgggacaaga aggtggaaga cgatcatg

27

<210> 10  
<211> 34  
<212> DNA  
<213> Artificial

<220>  
<223> 34 bp from pGEM®-T Easy sequence

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ctcccgccg ccatggcggc cgcgggaatt cgat

34

<210> 11  
<211> 101  
<212> DNA  
<213> Artificial

<220>  
<223> 101 bp insert

<400> 11  
ttcttcgact cactgcagac tactgatgga atgacgtagt acgaatactc gactggtctc  
aacatgaaaa aaaaaaaaaa cgcattcaac ctgtctgact a

60  
101

<210> 12  
<211> 39  
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<400> 12  
taatacgact cactataggg cgggacaaga aggtggaag

39

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21

<210> 14  
<211> 82  
<212> DNA  
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<223> Amplified fragment from both synthetic cDNA #1 and cDNA #2 with  
primer pair III

<400> 14  
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tttcttcgac tcaactgcaga ct 82

<210> 15  
<211> 20  
<212> DNA  
<213> Artificial

<220>  
<223> Pair I: primer forward

<400> 15  
aattgggccc gacgtcgcat 20

<210> 16  
<211> 20  
<212> DNA  
<213> Artificial

<220>  
<223> Pair I: primer reverse

<400> 16  
catgttgaga ccagtcgagt 20

<210> 17  
<211> 19  
<212> DNA  
<213> Artificial

<220>  
<223> Pair II: primer forward

<400> 17  
cgggacaaga aggtggaag 19

<210> 18  
<211> 20  
<212> DNA  
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<220>  
<223> Pair II: primer reverse

<400> 18

!.

tcattgttgag accagtcgag

20

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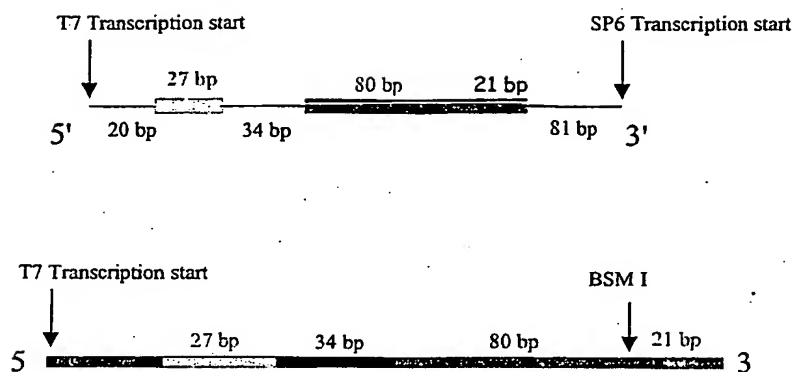


FIGURE 1

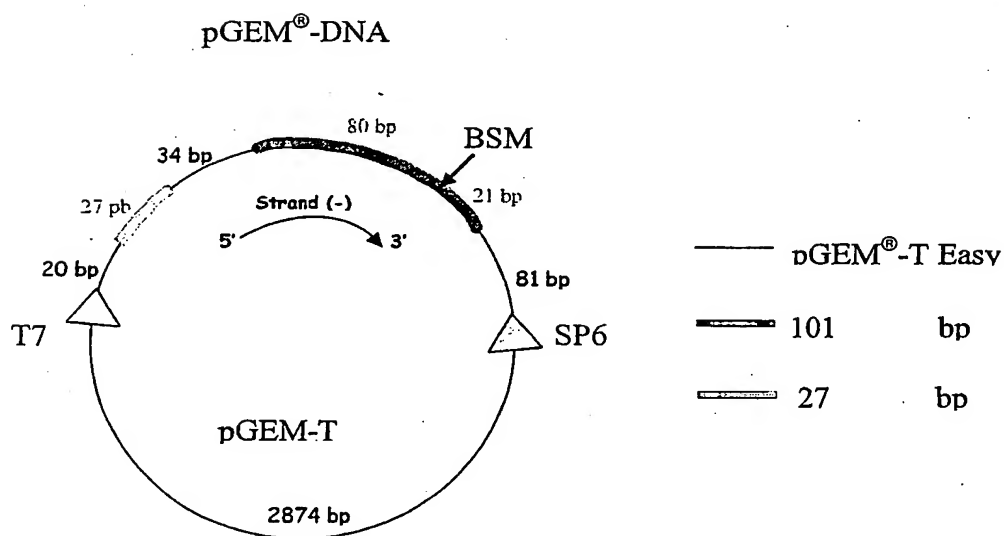


FIGURE 2

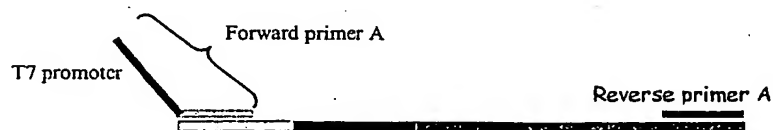


FIGURE 3

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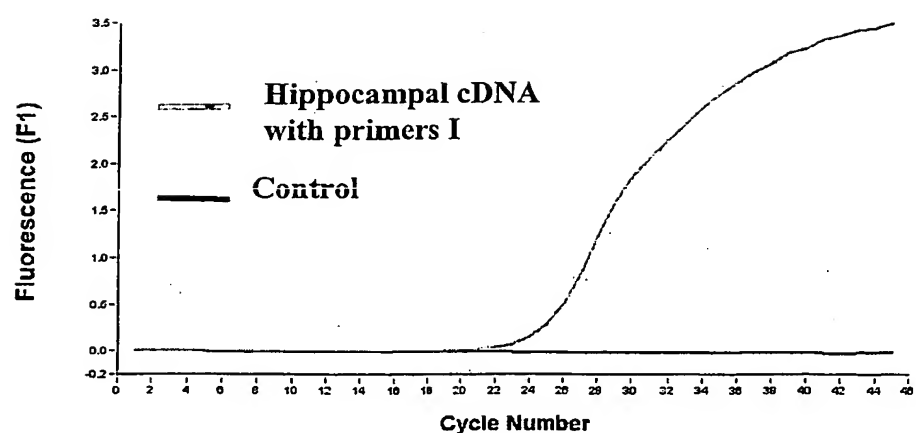


FIGURE 4

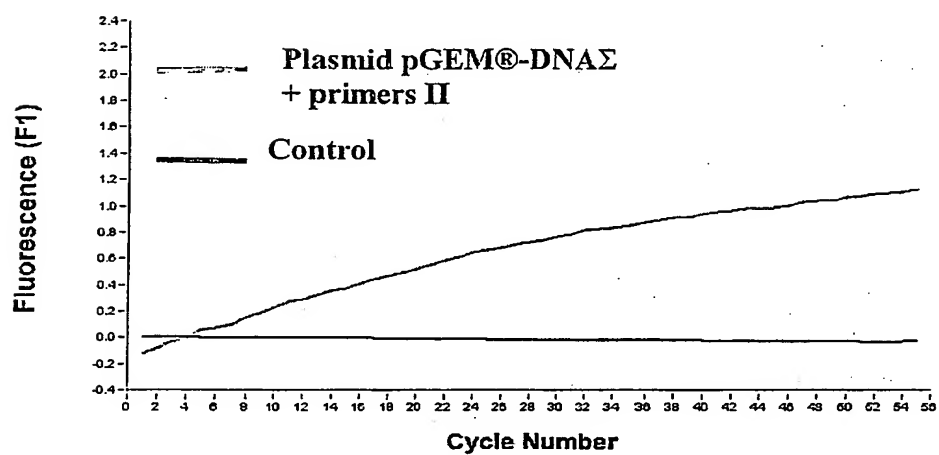


FIGURE 5

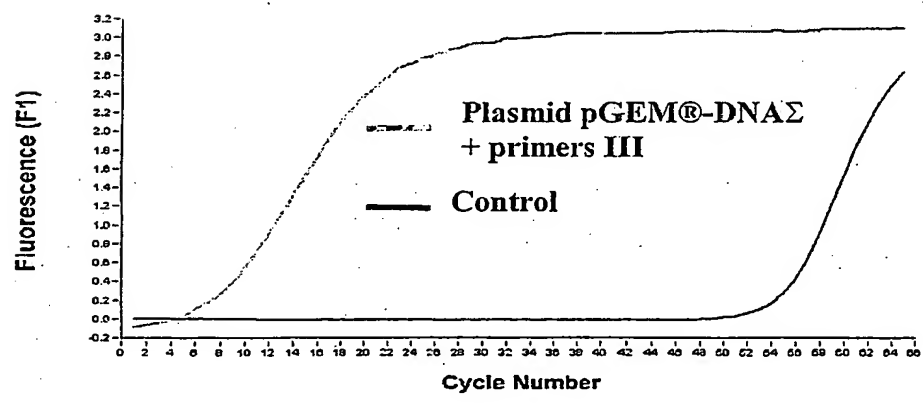


FIGURE 6

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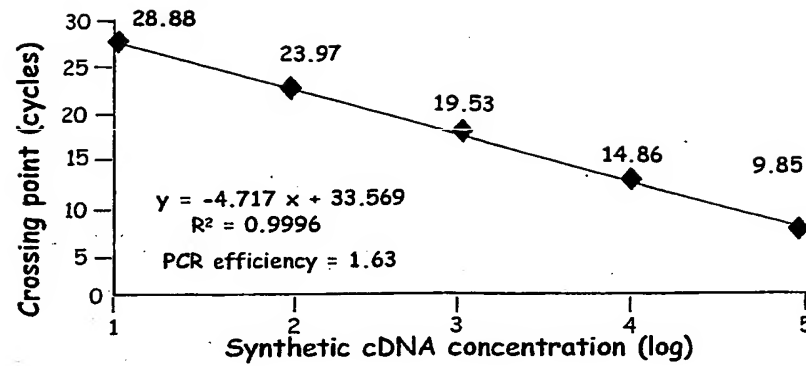


FIGURE 7

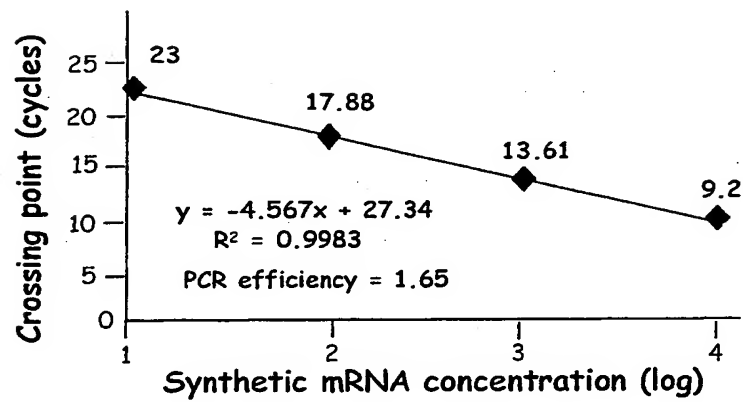


FIGURE 8

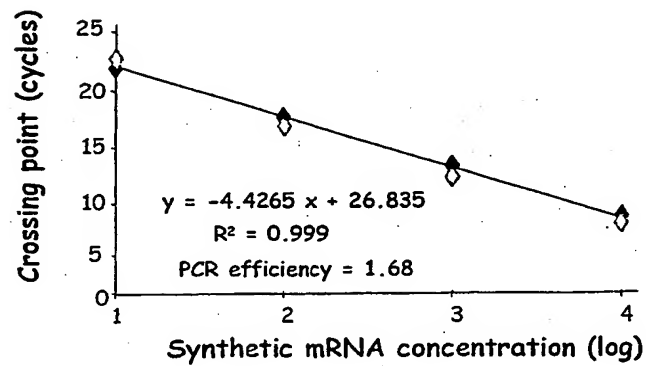


FIGURE 9



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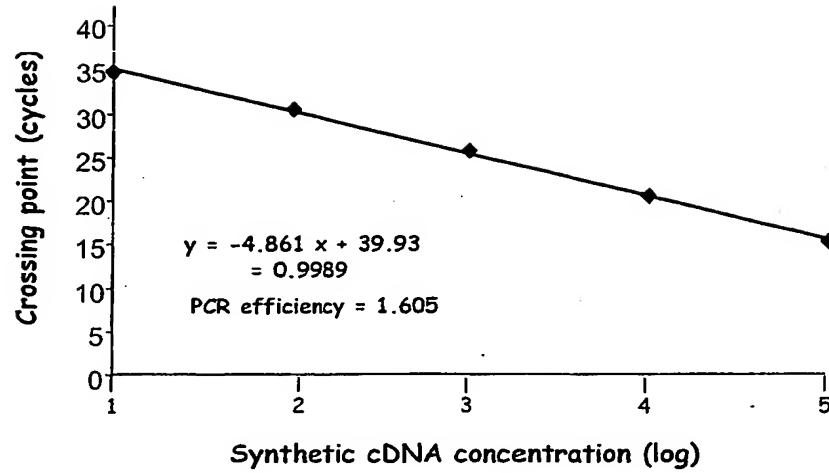


FIGURE 10

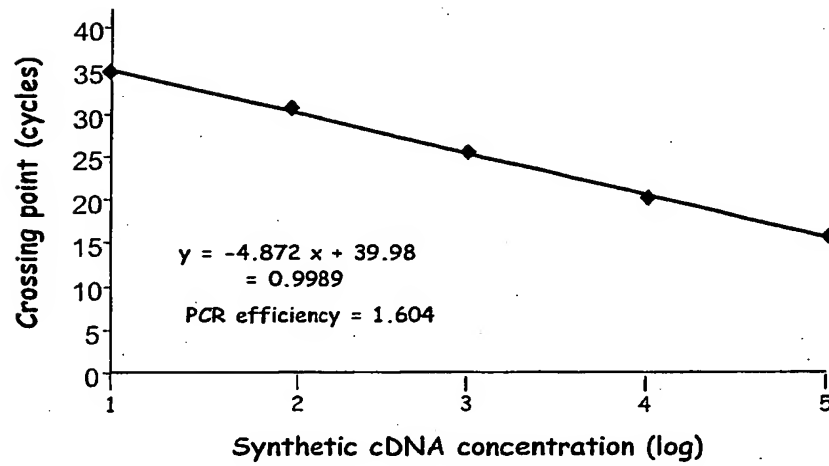


FIGURE 11

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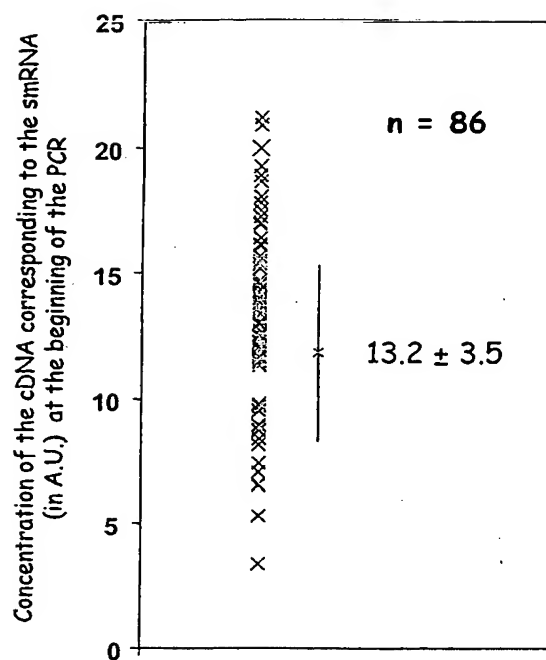


FIGURE 12

FIGURE 13A

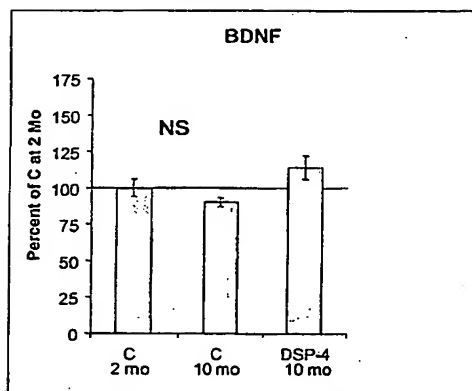


FIGURE 13B

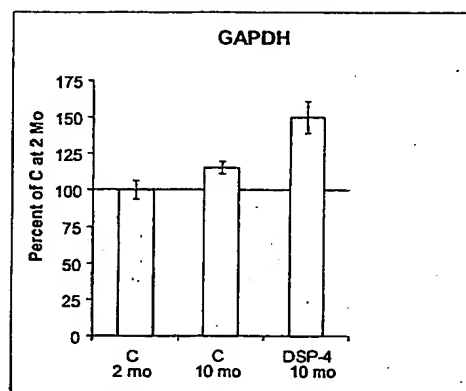


FIGURE 13C

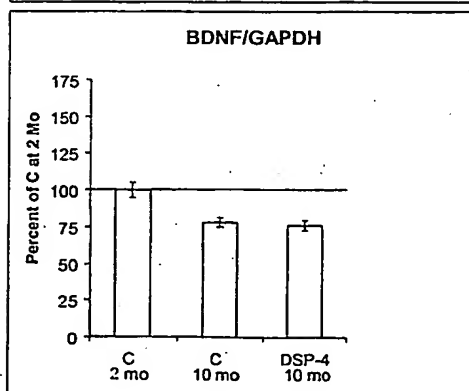
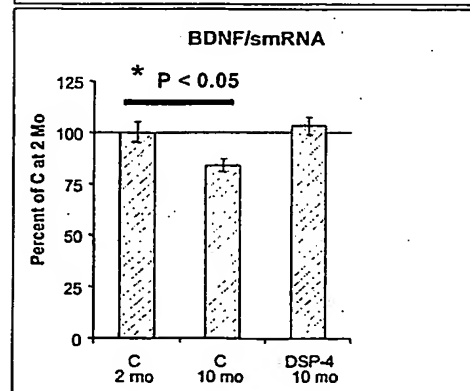


FIGURE 13D



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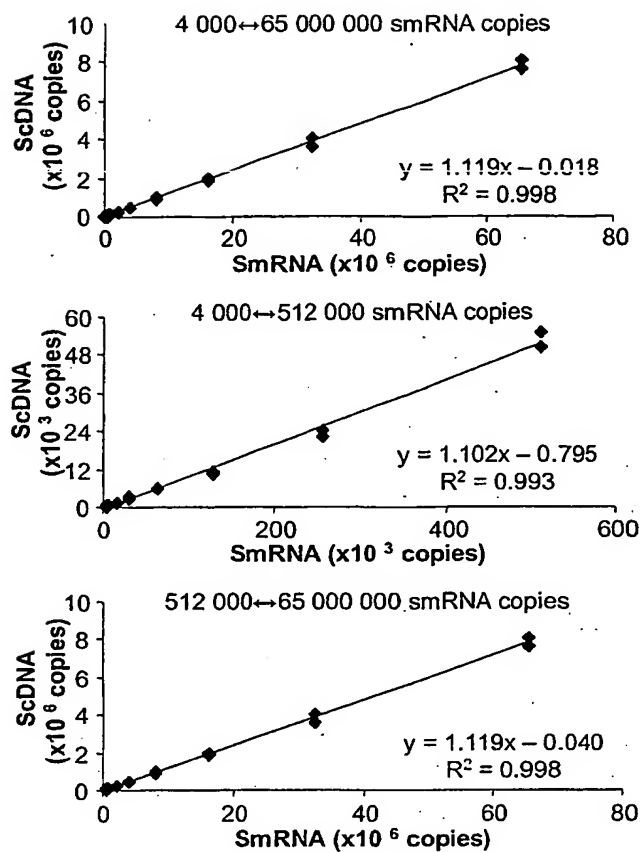


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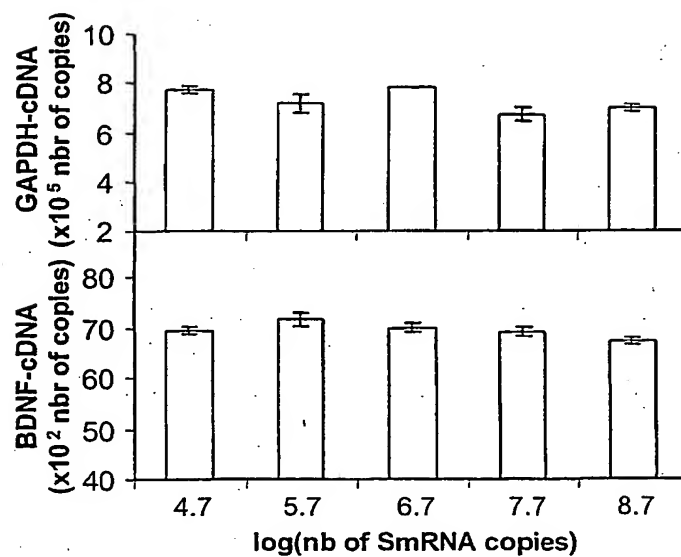


FIGURE 15

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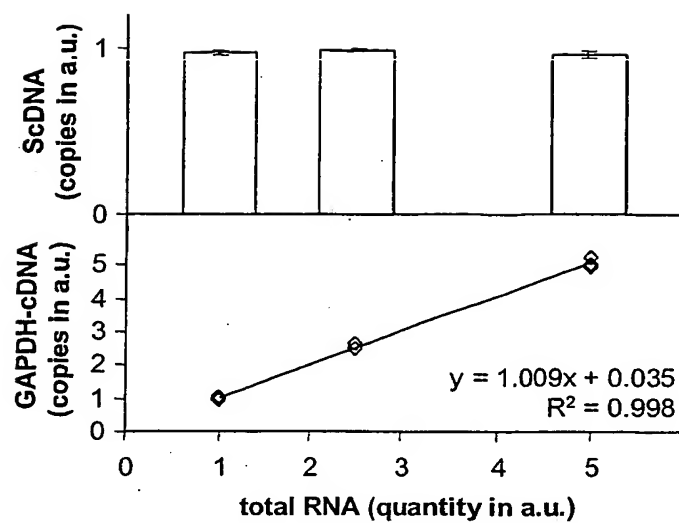


FIGURE 16

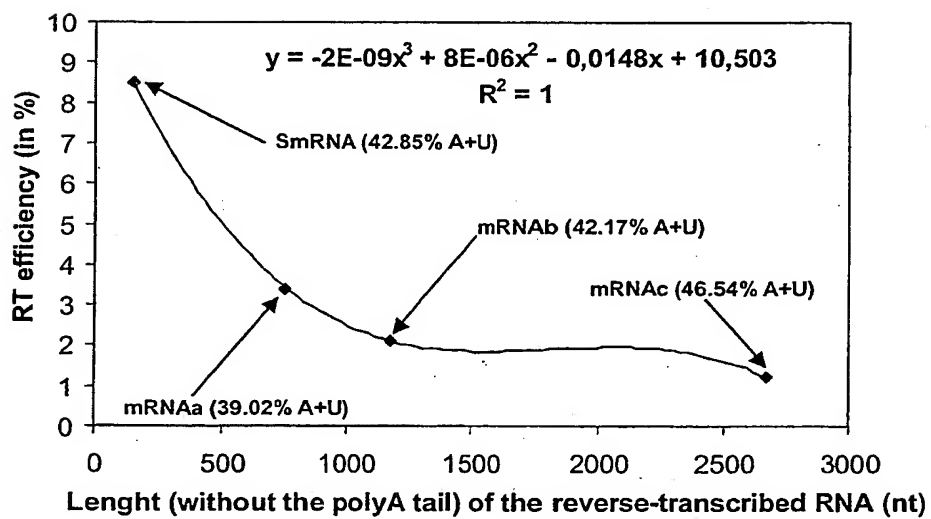


FIGURE 17